

REMARKS/ARGUMENTS

Claims 1-3, 5-15, 17-23, 25-28 and 30 are pending in the application. By this Amendment, claims 1-2, 12, 14, 17, 19 and 21-22 are amended and claims 16 and 29 are cancelled without prejudice or disclaimer. It is believed no new matter is introduced in the application. Reconsideration in view of the above amendments or the following remarks is respectfully requested.

Applicant sincerely acknowledges the Office Action's indication that claims 5-7, 10-11, 16-17 and 25 define patentable subject matter. However, for at least the reasons set forth below, Applicant respectfully submits that all pending claims are in condition for allowance.

A. The Office Action rejects claims 1-3, 8-9, 12-15, 18-23 and 26-30 under 35 U.S.C. §103(a) over U.S. Patent No. 6,704,879 to Parrish and U.S. Patent No. 5,588,004 to Suzuki et al. (hereafter "Suzuki"). The rejection is respectfully traversed.

With respect to claims 12 and 19, Applicant respectfully submits that allowable subject matter has been incorporated respectively therein.

With respect to claim 21, Applicant respectfully submits that Parrish does not teach or suggest selectively outputting the second higher frequency clock signal based on the power mode signal independent of the first clock signal wherein the bridge controller

controls a clock speed of a bus connected therebetween for data communication with the CPU using the outputted second higher frequency clock signal and combinations thereof as recited. In contrast, Applicant respectfully submits Parrish discloses a graphics adapter 110 having a clock device (e.g., oscillator 118) that may be regulated based on a power state of the power source. See Figure 1, Abstract and column 2, lines 8-45 of Parrish.

Further, Suzuki discloses a clock synchronization method and apparatus using clock 1 generation circuit 51 and clock 2 generation circuit 52. A clock CLK 1 is provided to a CPU 10 and there to host bus 100. See column 6, lines 11-51 and column 9, lines 1-45 and Figure 6 of Suzuki. Applicant respectfully submits third through sixth embodiments shown in Figures 17-20 of Suzuki do not teach or suggest a first higher frequency clock signal to a CPU, a second higher frequency clock signal to a bridge controller, wherein the bridge controller controls a clock speed of a bus connected therebetween for data communication with the CPU, selectively outputting the second higher frequency clock signal based on the power mode signal independent of the first clock signal and combinations thereof as recited in claim 21.

Applicant respectfully submits that Parrish and Suzuki do not teach or suggest any modification to its disclosure that would result in features of selectively outputting the second higher frequency clock signal based on the power mode signal independent of the

first clock signal and combinations thereof as recited in claim 21. Accordingly, Parrish and Suzuki, individually or in combination would not result in at least features and combinations thereof as recited in claim 21.

For at least the reasons set forth above, Applicant respectfully submits claims 12, 19 and 21 define patentable subject matter. Claim 1 defines patentable subject matter for at least reasons similar to claim 21. Claims 2-3, 8-9, 13-15, 18, 20, 22-23, 26-28 and 30 depend from claims 1, 12, 19 and 21 and therefore also define patentable subject matter for at least that reason as well as their additionally recited features. Claims 16 and 29 are cancelled without prejudice or disclaimer. Withdrawal of the rejection of claims 1-3, 8-9, 12-15, 18-23 and 26-30 under §103 is respectfully requested.

CONCLUSION

In view of the foregoing amendments and remarks, it is respectfully submitted that the application is in condition for allowance. Favorable consideration and prompt allowance are earnestly solicited.

If the Examiner believes that any additional changes would place the application in better condition for allowance, the Examiner is invited to contact the undersigned attorney, Carl R. Wesolowski, at the telephone number listed below.

Serial No. 10/003,345
Reply to Office Action of September 21, 2005

Docket No. LT-0006

To the extent necessary, a petition for an extension of time under 37 C.F.R. 1.136 is hereby made. Please charge any shortage in fees due in connection with the filing of this, concurrent and future replies, including extension of time fees, to Deposit Account 16-0607 and please credit any excess fees to such deposit account.

Respectfully submitted,
FLESHNER & KIM, LLP



Carl R. Wesolowski
Registration No. 40,372

P.O. Box 221200
Chantilly, Virginia 20153-1200
(703) 766-3701 DYK/CRW;jld
Date: January 12, 2006

Please direct all correspondence to Customer Number 34610